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To Examiner, Phillip A. Johnston  
Company UNITED STATES PATENT AND TRADEMARK OFFICE  
Fax number 1.571.273.8300  
From Bella Fishman  
Date July 23, 2007  
Subject US Patent Application No. 10/523,186  
Filing Date: January 28, 2005  
Varian Docket No. 02-38 US

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Pages (including this sheet) 9

I, Debbie Kus, hereby certify that on July 23, 2007 this correspondence is being transmitted to Examiner, Phillip A. Johnston at the Centralized Facsimile No. 1.571.273.8300 at the US Patent and Trademark Office.

Debbie Kus 7/23/07  
Signature Date Signed

Please see the attached Response to the Office Action mailed May 3, 2007 for the above referenced patent application.

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*fax*

Docket No.: 02-38 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Iouri Kalinitchenko

Serial No.: 10/523,186

Filed: January 28, 2005

Title: MASS SPECTROMETRY  
APPARATUS AND METHOD

Examiner: Phillip A Johnston

Art Unit: 2881

I, Debbie Kus, hereby certify that on July 23, 2007 this correspondence is being transmitted to Examiner, Phillip A. Johnston at the Centralized Facsimile No. 1.571.273.8300 at the US Patent and Trademark Office.

Debbie Kus 7/23/07  
Signature Date Signed

Examiner, Phillip A. Johnston  
US Patent and Trademark Office  
Centralized Facsimile No. 1.571.273.8300

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action mailed May 3, 2007, please amend the subject application as follows:

**Amendments to the claims** begin on page 2 and all claims are reproduced. (Please note that claim identifier "original" refers to the substitute claims presented at the application filing date January 28, 2005).

**Remarks** begin on page 6.